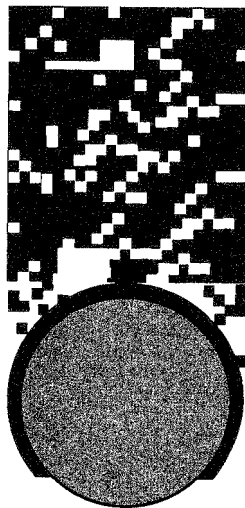


Strategic Regional Arterial

**Illinois Route 59 (Vol. I)
from Interstate 55 to
Illinois Route 72 (Higgins Road)**



**Operation
GreenLight**

**Illinois Department of Transportation
May, 1993**

FOREWORD

Illinois Route 59 is a Strategic Regional Arterial from Interstate 55 in Will County to Illinois Route 173 in Lake County. This study includes those portions between Interstate 55 and Illinois Route 72 (Higgins Road); the remaining portions of the route will be the subject of a later study. This Strategic Regional Arterial (SRA) report for Illinois Route 59 has been prepared for the Illinois Department of Transportation and the Strategic Regional Arterial Subcommittee of the Work Program Committee of the Chicago Area Transportation Study by Harland Bartholomew & Associates, Inc.

As an SRA route, Illinois Route 59 is intended to function as part of a regional arterial system, carrying high volumes of long distance traffic in conjunction with other SRA routes and the regional expressway and transit systems. This report is one element of a long-range plan for all routes in the SRA network. Together, the route studies constitute a comprehensive, coordinated plan for the entire SRA network.

Volume I of this report includes a description of the SRA study objectives and process, a detailed exposition and analysis of the existing route conditions, recommendations for ultimate and low-cost improvements, and exhibits of existing facility, environmental and developmental characteristics, recommended improvements and details. Volume II consists of documentation of the public involvement process including citizen comments.

SUMMARY OF RECOMMENDATIONS

The SRA Route Illinois Route 59 is divided into nine route segments. (See figures *i.i* and *i.ii*.) Recommendations are made for each route segment, and a summary of the major recommendations is presented below.

SRA Segment 1: interstate 55 to Black Road

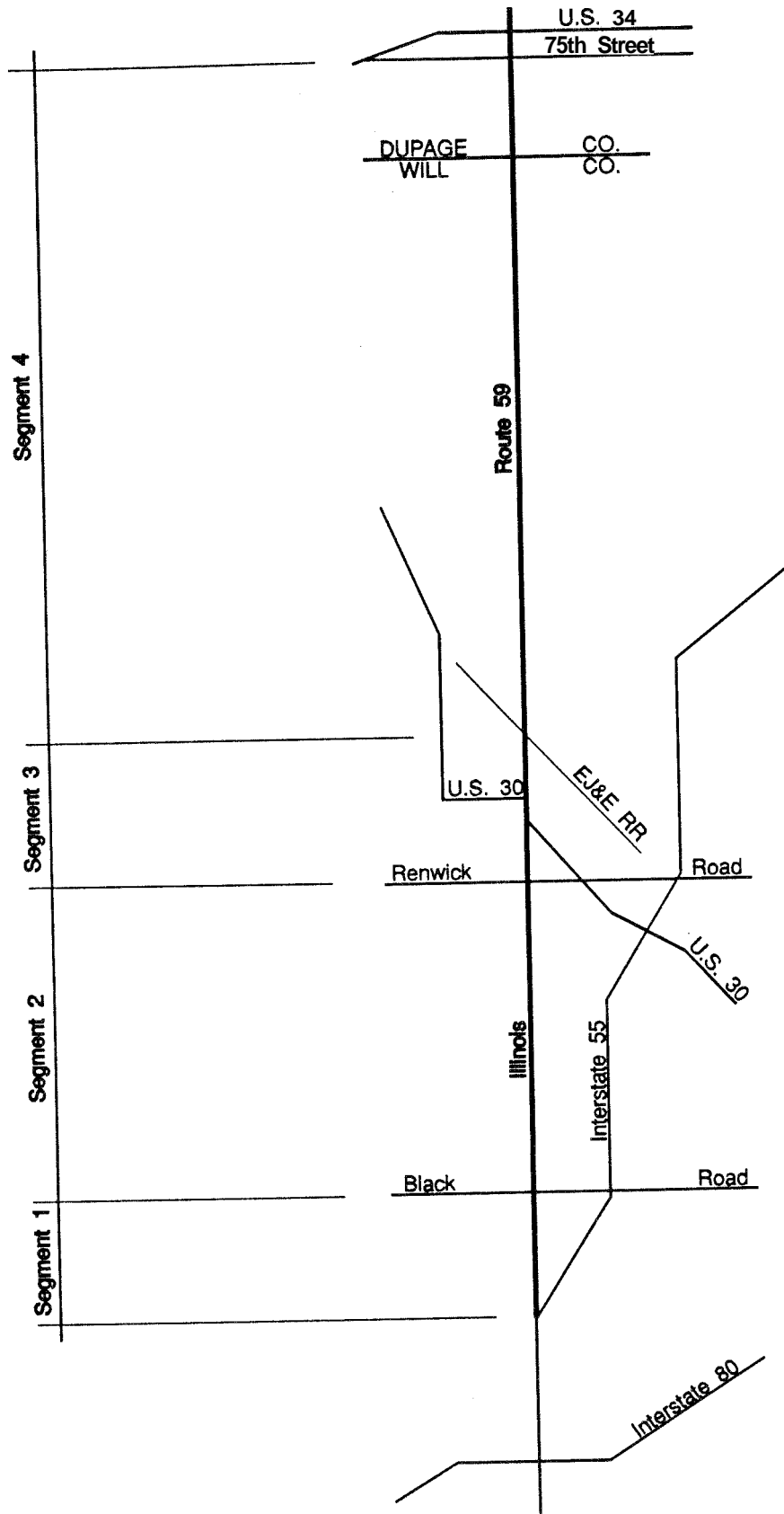
- Two through lanes in each direction with a 12 to 18 foot wide median within a 120-foot wide desirable ultimate right-of-way
- An interconnected signal system from U.S. Route 52 (Jefferson Street) through the end of the segment
- Lengthen Interstate 55 on-ramp on southbound Illinois Route 59

SRA Segment 2: Black Road to Renwick Road

- Two through lanes in each direction separated by an 18-foot wide raised median within a 120 to 135 foot wide right-of-way
- An interconnected signal system for the entire segment

SRA Segment 3: Renwick Road to the Elgin Joliet & Eastern Overpass

- Renwick Road to Robert Avenue, two through lanes in each direction with an 18-foot wide median with a desirable ultimate right-of-way width of 125 feet
- Robert Avenue to Plainfield-Naperville Road, two 11-foot wide through lanes in each direction with a continuous 11-foot wide median within an 80-foot wide right-of-way
- Plainfield-Naperville Road to EJ&E overpass, two through lanes in each direction with a 12-foot wide median within a 120-foot wide right-of-way
- An interconnected signal system from Segment 2 to Illinois Route 126 (Main Street)

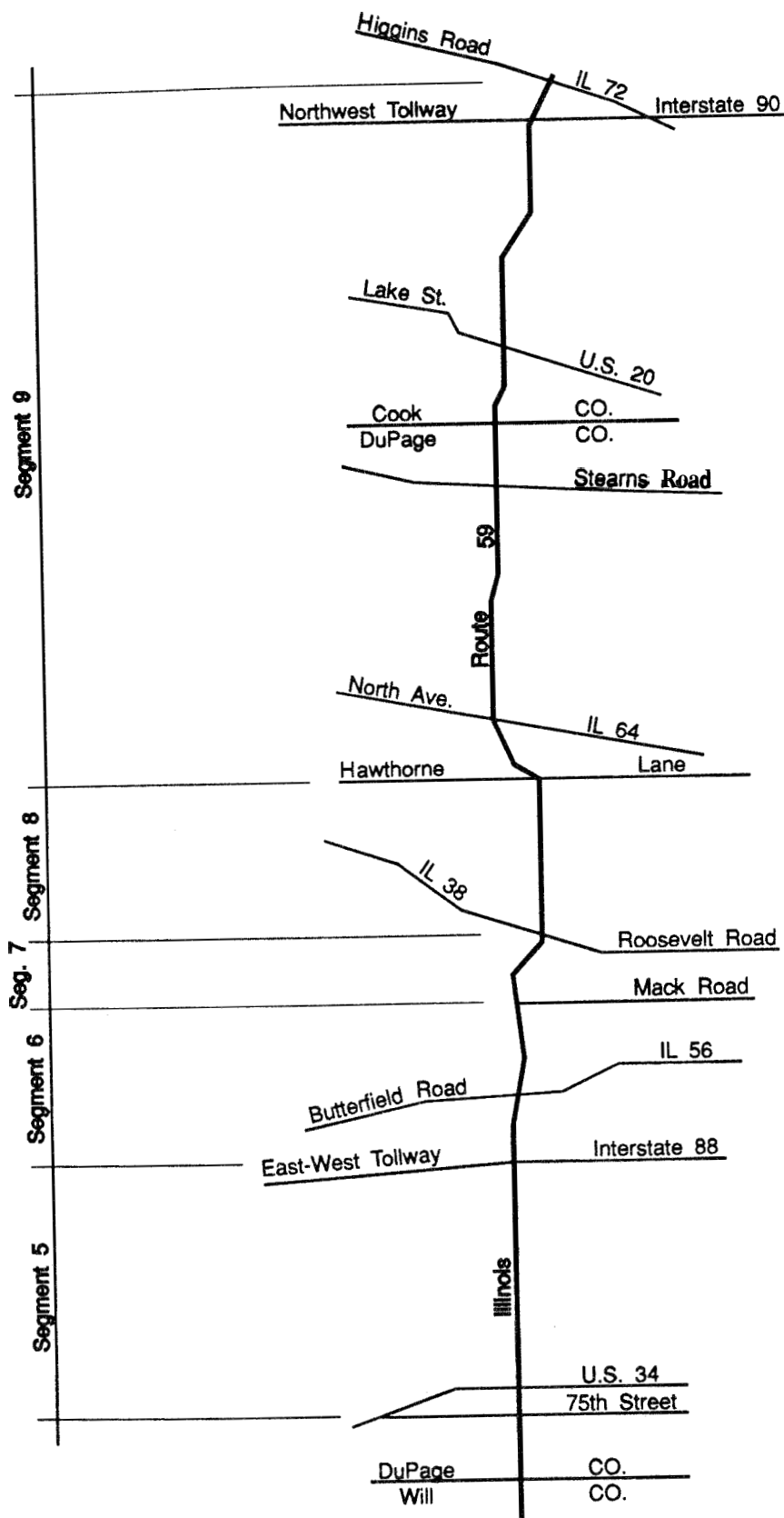


Illinois Route 59 (Will County)

prepared by Harland Bartholomew & Associates, Inc.

Segment Location Map

Figure I.I



Illinois Route 59 (DuPage/Cook County)

Segment Location Map

prepared by Harland Bartholomew & Associates, Inc.

Figure I.ii

SUMMARY OF RECOMMENDATIONS_(cont.)

SRA Segment 4: Elgin, Joliet & Eastern Overpass to 75th Street

- EJ&E overpass to just north of the DuPage River, two through lanes in each direction separated by a 12-foot wide median within a 120-foot wide right-of-way
- Just north of the DuPage River to Pilcher Road (135th Street), two through lanes in each direction separated by an 18 foot wide median within a desirable ultimate right-of-way width of 120 feet
- Pilcher Road to Chapins Road (127th Street), two through lanes in each direction with a 30-foot wide median within a desirable ultimate right-of-way width of 150 feet
- Chapins Road to 75th Street, three through lanes in each direction separated by a 30-foot wide median within a desirable ultimate right-of-way width of between 150 and 180 feet
- An interconnected signal system from Pheasant Chase Drive to 91st Street and from White Eagle Drive to the existing signal system at 75th Street
- Protect right-of-way at 75th Street for post-2010 interchange

SRA Segment 5: 75th Street to Interstate 88 (East-West Tollway)

- Three through lanes in each direction separated by a 30-foot wide median within a desirable ultimate right-of-way width of 150 feet
- An interconnected signal system from North Aurora Road to the existing system at Diehl Road
- Modify the structure at the Burlington Northern Railroad and interstate 88 (East-West Tollway)

SRA Segment 6: interstate 88 (East-West Tollway) to Mack Road

- Three through lanes in each direction separated by a 30-foot wide median within a desirable ultimate right-of-way width of 150 feet
- An interconnected signal system from the existing signal system at Ferry Road to Batavia-Warrenville Road
- Protect right-of-way at Illinois Route 56 (Butterfield Road) for post-2010 interchange

SRA Segment 7: Mack Road to Illinois Route 38 (Roosevelt Road)

- Three through lanes in each direction and a 30-foot wide median within existing right-of-way
- An interconnected signal system for the entire segment

SRA Segment 8: Illinois Route 38 (Roosevelt Road) to Hawthorne Lane

- Three through lanes in each direction and an 18-foot wide raised median within a desirable ultimate right-of-way width of 120 feet
- An interconnected signal system from Segment 7 to Iambes Avenue
- Full access at all signalized intersections, right-in/right-out at all unsignalized cross streets

SUMMARY OF RECOMMENDATIONS_(cont.)

SRA Segment 9: Hawthorne Lane to Illinois Route 72 (Higgins Road)

- Three through lanes in each direction and a 30-foot wide median within a desirable ultimate right-of-way width of 150 feet
- Interconnected signal systems from Illinois Route 64 (North Avenue) to Diversey Parkway, Army Trail Road to Auburn Lane, West Bartlett Road to U.S. Route 20, Illinois Route 19 (Irving Park Road) to Illinois Route 58 (Golf Road), and from Shoe Factory Road to Illinois Route 72 (Higgins Road)
- Diamond interchange at Illinois Route 72 (Higgins Road)